National Weather Service
Integrated Dissemination Program
Email Data Input System (EDIS)

The NWS Email Data Input System (EDIS) is a procedure which provides meteorological data suppliers the capability to input weather bulletins via Email to the National Weather Service - also known as a designated World Meteorological Organization Regional Telecommunication Hub (WMO RTH). To register for an account to use the system, please go to the website: http://www.nws.noaa.gov/iscs

NOTICE: *This is an automatic process and every message submitted will be disseminated world-wide as determined by the routing established for the WMO abbreviated heading used. The submitting National Meteorological Service or organization is responsible for the content of the WMO bulletin(s).*

EDIS Usage Guidance

EDIS General Rules

1. The body of an EDIS Email Message should only contain alphanumeric data
2. Email attachments may be either alphanumeric or binary. Each must contain the required WMO heading information. Alphanumeric attachments must also contain the required closing information.
3. The WMO Bulletin - (See WMO Message Structure for Full Details)
   a. The content of the WMO bulletin is:
      - **Abbreviated heading line**
        o T1T2A1A2ii CCCC YYGGgg [BBB]
      - **Subject Line**
        o Example: EDIS Message Input NPN*yourpinnumber*
          • one must register for an account at http://www.nws.noaa.gov/iscs to obtain a pin number
      - **Email message body, or attachment:**
        o **An abbreviated heading line**
          • T1T2A1A2ii CCCC YYGGgg [BBB]
        o **Message text**
        o **Closing**
          • **NNNN**
4. The Email is submitted to the WMO RTH via EDIS using a predefined Email address

EDIS Message Submission Rules and Definitions

1. Messages must be sent in ASCII (plain text or alphanumeric code form, **do not use html or rich text**). ASCII Ref: T.50 : International Alphabet No. 5 - ITU
   a. *NOTE: Google's Gmail offers a plain text mode accessible using the drop down box in the lower right corner of your message window*
2. Two options are available for sending messages:
   a. Messages may be sent as an attachment to the Email
      - Alphanumeric attachment(s) must have an extension of " .txt "
      - Any attachment(s) without the " .txt " extension will be treated as a binary product
      - Up to five (5) messages can be included in alphanumeric attachments provided each product uses the required closing information
      - You can only have one binary bulletin per attachment and it must have a valid WMO header with associated date/time group at the beginning with the characters " CRCRLF " at the end of the heading line
   b. Messages may be sent in the body of an Email
      - The body of an Email shall remain empty if attachments are used
        1) *REMINDER: Any automatically added signature text must be deleted in order for the body of an Email message to be really empty*
3. The "subject line" shall contain: **EDIS Message Input NPN***yourpinnumber*
4. The WMO abbreviated heading line and message text are the **only required data** for this Email input form
5. Use all CAPITAL letters for the WMO abbreviated heading text
6. The format of the WMO Abbreviated Heading Line is:

   T1T2A1A2ii CCCC [NNNXXX] YYGGgg (BBB)

   a. The abbreviated heading T1T2A1A2ii CCCC must be previously defined at the RTH and will be validated against the NWS Switching Directory
   b. The **CCCC** is the location identifier of origin for the "MESSAGE TEXT" being entered
   c. The AWIPS ID **NNNXXX** is found on US NWS AWIPS generated messages. The category field NNN will adhere to CID XR-04 Cat X-ref by NNN - NWS Communications Identifiers, Excel format
   d. The date/time fields **YYGGgg** in the abbreviated heading must be current and meet the WMO standards of the Manual 386 Part II
   e. The Pxx option of the **BBB** optional group is not allowed

7. No ASCII character control notations are required except for the report separator [=] signal

8. Each alphanumeric message must be ended with NNNN

EDIS Service Updates

1. The EDIS system will not provide courtesy notices of problems encountered with delivery of a product, product format, or access issues (example; Pin numbers)
   a. Product format issues will be addressed separately by the Data Management team when discovered
2. Site access problems logged by the EDIS system will be checked during normal business hours and addressed separately

EDIS Support Team

1. Problems or issues with the EDIS system should be reported to the EDIS Tier I team at 301-713-0902 or via Email at; TOC.NWSTG@noaa.gov.   All reported problems or issues will be addressed during the next business day by the EDIS Tier II / Tier III teams.

EDIS Message Examples

1) EXAMPLE: Filename : SMMF01.010000.txt

```
SMMF01 TFFR 010000
AAXX 01124/
78890 36/// /0508 10244 20209 30120 40158 53016/ 333
10281 20228 58005=
NNNN
```

2) EXAMPLE: Multi-part message within the body of an Email

```
NTUS99 KNCF 031430
THIS IS A COMMUNICATIONS TEST MESSAGE ORGINATING FROM THE NMTR
SYSTEM - IT IS SET TO TRANSMIT EVERY MINUTE 24 HOURS PER DAY, SEVEN

DAYS PER WEEK VIA A CRON JOB ON THE DS1-NMTR.ER SERVER.
NNNN

NTUS99 KNCF 031431
THIS IS A COMMUNICATIONS TEST MESSAGE ORGINATING FROM THE NHDA
SYSTEM - IT IS SET TO TRANSMIT EVERY MINUTE 24 HOURS PER DAY, SEVEN
DAYS PER WEEK VIA A CRON JOB ON THE DS1-NHDA.ER SERVER.
NNNN
```